

# NORTH DAKOTA

## Science and Engineering Profile

	ND	U.S.	Rank		ND	U.S.	Rank
Doctoral scientists, 1995	1,341	453,928	48	Total R&D performance, 1995 (millions)	\$98	\$177,210	49
Doctoral engineers, 1995	156	86,738	47	Industry R&D, 1995 (millions)	\$12	\$130,332	51
S&E doctorates awarded, 1996	54	27,230	44	Academic R&D, 1995 (millions)	\$60	\$21,606	44
of which, in life sciences	41%	25%		of which, in life sciences	53%	55%	
in psychology	26%	13%		in engineering	26%	16%	
in physical sciences	20%	14%		in physical sciences	7%	10%	
S&E postdoctorates, 1995	42	35,379	47	Higher education current-fund expenditures, 1995 (millions)	\$494	\$182,602	47
in doctorate-granting institutions							
S&E graduate students, 1995	966	436,328	48	Number of SBIR awards, 1990-1996	20	26,399	46
in doctorate-granting institutions				Patents issued to state residents, 1996	62	61,099	47
Population, 1996 (000s)	644	269,067	48	Gross state product, 1994 (billions)	\$13.5	\$6,876.0	51
Civilian labor force, 1996 (000s)	343	135,528	48	of which, agriculture	10%	2%	
Personal income per capita, 1996	\$20,710	\$24,231	39	manufacturing, mining, construction	14%	23%	
Federal spending				transportation, communication, utilities	11%	9%	
Total expenditures, 1996 (millions)	\$3,570	\$1,368,858	49	wholesale and retail trade	19%	16%	
R&D obligations, 1995 (millions)	\$47	\$67,080	49	finance, insurance, real estate	12%	19%	
				services	17%	20%	
				government	16%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

## Federal Obligations for Research and Development in North Dakota by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	47,313	25,042	0	539	20,054	947	731	49
<b>Department of Agriculture</b>	25,321	19,372	0	80	5,869	0	0	19
<b>Department of Commerce</b>	289	0	0	9	280	0	0	43
<b>Department of Defense</b>	1,355	319	0	161	875	0	0	50
<b>Department of Energy</b>	5,453	0	0	0	5,453	0	0	40
<b>Dept. of Health &amp; Human Services</b>	2,947	0	0	0	2,147	660	140	48
<b>Department of the Interior</b>	5,445	5,351	0	16	78	0	0	26
<b>Department of Transportation</b>	1,145	0	0	7	260	287	591	45
<b>Environmental Protection Agency</b>	1,318	0	0	220	1,098	0	0	33
<b>Nat'l Aeronautics &amp; Space Admin.</b>	584	0	0	46	538	0	0	51
<b>National Science Foundation</b>	3,456	0	0	0	3,456	0	0	51
<b>State rank</b>	49	42	na	50	48	47	49	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable